

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/002184

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ C08L 63/00, C01B 33/44, C08K 3/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ C08L 63/00, C01B 33/44, C08K 3/34

Documentation searched other than minimum documentation to the extent that such documents are included in the fields

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms

STN CAPLUS, REGISTRY

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No(s).
X Y	LIU, WEIPING et al, Organoclay modified high performance epoxy, 48 th International SAMPE Symposium, 11-15 May 2003, Book 1, pages 142-154, ISSN 0891-0138 the whole document	1-6, 8-12, 20-23, 25 13, 24, 26
Y	US 6107387 A (KAYLO, ALAN J. et al) 22 Aug. 2000 (2000-08-22) the whole document	1, 2, 4, 5, 11, 12, 26
Y	US 2003/0039812 A1 (TSAL, TSUNG-YEN et al) 27 Feb. 2003 (2003-02-27) the whole document	1, 2, 4, 5, 11, 12, 26

[X] Further documents are listed in the continuation of Box C. [X] See patent family annex.

- * Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
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 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" Inter document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "Z" document member of the same patent family

Date of the actual completion of the international search

8 March 2005 (08-03-2005)

Date of mailing of the international search report

04 May 2005 (04-05-2005)

Name and mailing address of the ISA/CA
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
Y	EP 1038913 A1 (AMCOL INTERNATIONAL CORP.) 27 Sep. 2000 (2000-09-27) the whole document	4, 5, 26
Y	LEBARON, PETER C. et al, Polymer-layered silicate nanocomposites, Applied Clay Science 1999, Vol. 15, pages 11-29 ISSN 0169-1317 the whole document	11, 12
Y	GAM, K. T. et al, Fracture behavior of core-shell rubber-modified clay-epoxy, Polymer Engineering and Science, October 2003, Vol. 43, No.10, pages 1635- 1645 ISSN 0032-3888 the whole document	11, 13, 24

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/CA2004/002184

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
US6107387	22-08-2000	AU3239500 A	04-09-2000
		WO0048942 A1	24-08-2000
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